



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE  
(Attorney Docket No. CELL-055CIP)

Application of: Richard C. Mulligan, et al. )  
Serial No.: 08/252,710 )  
Filing Date: June 2, 1994 )  
Title: RETROVIRAL GENE THERAPY )  
VECTORS AND THERAPEUTIC )  
METHODS BASED THEREON )

Assistant Commissioner for Patents  
Washington, DC 20231

Sir:

**REVOCATION AND CREATION OF POWER OF ATTORNEY**

Hon. Assistant Commissioner for Patents:

I, Kathleen S. Glaub, hereby certify that I am authorized to act on behalf of Somatix Therapy Corporation in matters before the United States Patent and Trademark Office. I further certify that Somatix Therapy Corporation is the Assignee and exclusive licensee of the above-identified United States patent application.

In the above-identified United States patent application, I hereby revoke all powers of attorney previously created. I hereby appoint the following attorneys to prosecute the above-identified application and transact all business in the Patent and Trademark Office connected therewith.

James B. Lampert	Reg. No. 24,564
Wayne M. Kennard	Reg. No. 30,271
Michael J. Bevilacqua	Reg. No. 31,091
Hollie L. Baker	Reg. No. 31,321
Henry N. Wixon	Reg. No. 32,073
Donald R. Steinberg	Reg. No. 37,241
Wayne A. Keown, Ph.D.	Reg. No. 33,923
Ann-Louise Kerner , Ph.D.	Reg. No. 33,523
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Richard Goldenberg  
Gretchen Rice, Ph.D.

Reg. No. 38,895  
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the mailing address and telephone number of each of whom is HALE AND DORR LLP, 60 State Street, Boston, Massachusetts 02109, (617) 526-6000, and Karen I. Krupen, Ph.D., Reg. No. 34,647 and Cynthia Soumoff, Ph.D., Reg. No. 38,314, the mailing address and telephone number of whom is Cell Genesys, Inc., 322 Lakeside Drive, Foster City, CA 94404, (650) 358-9600, with full power of substitution and revocation to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.

All correspondence should be sent to:

Ann-Louise Kerner, Ph.D.  
Hale and Dorr LLP  
60 State Street  
Boston, MA 02109  
Telephone No.: (617) 526-6192  
Telecopier No.: (617) 526-5000

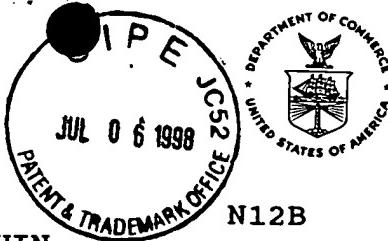
SOMATIX THERAPY CORPORATION

By Kathleen S. Glaub  
Kathleen S. Glaub  
President of Somatix Therapy  
Corporation

Date: October 31, 1997

DATE: 01/03/95  
TO:

ALBERT P. HALLUIN  
PENNIE & EDMONDS  
1155 AVENUE OF THE AMERICAS  
NEW YORK, NY 10036



UNITED STATES DEPARTMENT OF COMMERCE

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UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

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ASSIGNOR: COHEN, LAWRENCE E DOC DATE: 11/17/94

ASSIGNOR: GUILD, BRAD DOC DATE: 08/23/94

ASSIGNOR: RAFIELD, LORI DOC DATE: 08/22/94

RECORDATION DATE: 11/23/94 NUMBER OF PAGES 005 REEL/FRAME 7223/0727

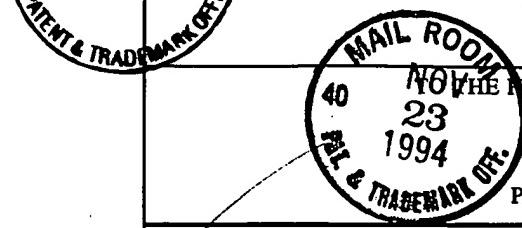
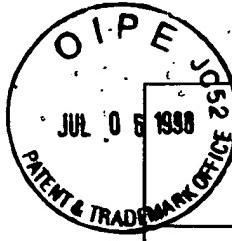
DIGEST : ASSIGNMENT OF ASSIGNORS INTEREST

ASSIGNEE:  
SOMATIX THERAPY CORPORATION  
1301 MARINA VILLAGE PARKWAY, STE. 3110  
ALAMEDA, CA 94501

SERIAL NUMBER 8-252710 FILING DATE 06/02/94  
PATENT NUMBER ISSUE DATE 00/00/00

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*Sadley K. Lyne*  
EXAMINER PARALEGAL  
ASSIGNMENT BRANCH  
ASSIGNMENT/CERTIFICATION SERVICES DIVISION



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**PATENTS ONLY**

Attorney Docket Number  
8141-113-999

THE HONORABLE COMMISSIONER OF PATENTS AND TRADEMARKS  
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Washington, DC 20231

Please record the attached original documents or copy thereof.

1. Name of conveying party(ies): Lawrence Cohen, Brad  
Guild, Lori Rafield

Additional name(s) of conveying party(ies) attached?  Yes  No

3. Nature of conveyance:

Assignment  Merger  
 Security Agreement  Change of Name  
 Other \_\_\_\_\_

Execution Dates: 8/22/94, 8/23/94, 11/17/94

2. Name and address of receiving party(ies):

Name: Somatix Therapy Corporation

Address: Suite 3110  
1301 Marina Village Parkway  
Alameda, CA 94501

Country (if other than USA): \_\_\_\_\_

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: N/A

A. Patent Application No.(s) 08/252,710

B. Patent No.(s)

Additional numbers attached?  Yes  No

5. Name and address of party to whom correspondence  
concerning document should be mailed:

PENNIE & EDMONDS  
1155 Avenue of the Americas  
New York, NY 10036

6. Number of applications  
and patents involved: One

7. Total fee (37 CFR 3.41): .....\$ 40.00  
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16-1150  
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9. Statement and signature.

*To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.*

Albert P. Halluin 25.227

Name of Person Signing Reg. No.

*Albert P. Halluin*

11/23/94

Date

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Alvin Foster

93721552

TW11188 12/13/94

(Type or print name of person mailing paper or fee)

08252 (Signature of person mailing paper or fee)

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## ASSIGNMENT

WHEREAS, WE, Lawrence Cohen, citizen of United States, Brad Guild, citizen of United States, Lori Rafield, citizen of United States, ASSIGNORS, residing at 5670 Cabot Drive, Oakland, California 94611, 109 Riverdale Road, Concord, Massachusetts 01742, 2249 Beach Street, #5, San Francisco, California 94123 respectively are the inventors of the invention in Retroviral Vectors Useful For Gene Therapy for which we have executed an application for a Patent of the United States

- which is executed on  even date herewith or  08/252,710 (date)  
 which is identified by Pennie & Edmonds docket no. 8141-113-999  
 which was filed on June 2, 1994, Serial No. 08/252,710

and WHEREAS, Somatix Therapy Corporation, ASSIGNEE is desirous of obtaining the entire right, title and interest in, to and under the said invention and the said application:

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to us in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, we, the said ASSIGNORS, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, the entire right, title and interest in, to and under the said invention, and the said United States application and all divisions, renewals and continuations thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof; and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may hereafter be filed for said invention in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said United States application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof;

AND WE HEREBY authorize and request the Commissioner of Patents and Trademarks of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant and agree that we have full right to convey the entire interest herein assigned, and that we have not executed, and will not execute, any agreement in conflict herewith.

AND WE HEREBY further covenant and agree that we will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to us respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue and foreign applications, make all rightful oaths, and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper protection for said invention in all countries.

IN TESTIMONY WHEREOF, We hereunto set our hands and seals the day and year set opposite our respective signatures.

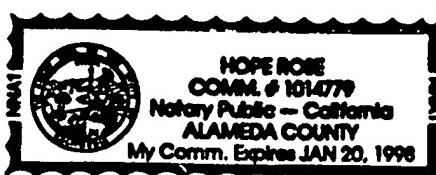
Date 11/17/94, 1994 L Cohen L.S.

Laurence Cohen

Lawrence Cohen

State of California)  
County of Alameda) SS.:  
} )

On this 17th day of November, 1994, before me, a Notary Public in and for the State and County aforesaid, personally appeared Lawrence Cohen, to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and he acknowledged the same to be his free act and deed.



Hope Rose  
Notary Public

REEL 7223 FRAME 728

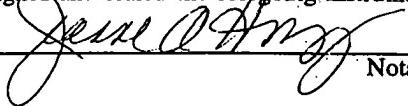
Date August 23, 1994

Brad Guild

L.S.

State of Massachusetts )  
County of Middlesex ) SS.:  
                       )

On this 23rd day of August, 1994, before me, a Notary Public in and for the State and  
County aforesaid, personally appeared Brad Guild,  
to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and he  
acknowledged the same to be his free act and deed.

  
Notary Public.

Date \_\_\_\_\_, 1994

L.S.

Lori Rafield

State of California      )  
                       ) SS.:  
County of                )

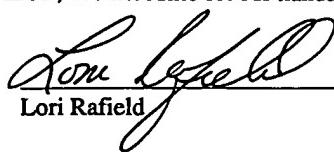
On this \_\_\_\_\_ day of \_\_\_\_\_, 1994, before me the undersigned, a Notary Public for the  
State of California, personally appeared \_\_\_\_\_,  
personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed  
to the within instrument and acknowledged to me that she executed the same in her authorized capacity, and that by her  
signature on the instrument the person, or the entity

  
Notary Public.

REEL 7223 FRAME 729

IN TESTIMONY WHEREOF, We hereunto set our hands and seals the day and year set opposite  
our respective signatures.

Date 8/22, 1994

  
Lori Rafield

L.S.

REEL 7223 FRAME 730

**CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT**

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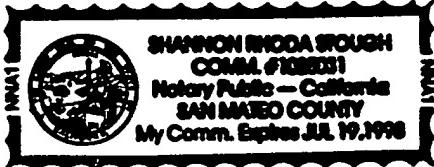
State of California  
County of San MateoOn August 22, 1994 before me, Sharon Rhoda Stough —  
DATE  
personally appeared Lori Rayfield —

NAME, TITLE OF OFFICER - E.G., "JANE DOE, NOTARY PUBLIC"

NAME(S) OF SIGNER(S)

 personally known to me - OR -  proved to me on the basis of satisfactory evidence

to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.



WITNESS my hand and official seal.

Sharon Rhoda Stough  
SIGNATURE OF NOTARY**OPTIONAL**

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**CAPACITY CLAIMED BY SIGNER**

- INDIVIDUAL  
 CORPORATE OFFICER

TITLE(S)

- PARTNER(S)       LIMITED  
 ATTORNEY-IN-FACT       GENERAL  
 TRUSTEE(S)  
 GUARDIAN/CONSERVATOR  
 OTHER: \_\_\_\_\_

**DESCRIPTION OF ATTACHED DOCUMENT**Assignment of Patent  
TITLE OR TYPE OF DOCUMENT

NUMBER OF PAGES

August 22, 1994

DATE OF DOCUMENT

Brad Gurd &  
Lawrence Cohen  
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NAME OF PERSON(S) OR ENTITY(IES)